

## Material Safety Data Sheet

May be used to comply with  
OSHA's Hazard Communication Standard,  
29 CFR 1910.1200 Standard must be  
consulted for specific requirements.

## U.S. DEPARTMENT of Labor

Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072

IDENTITY (As Used on Label and List)

Code 84  
Hearth & Grill Conditioning Glass Cleaner

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

### Section I

Manufacturer's Name

RUTLAND PRODUCTS

Address (Number, Street, City, State, and Zip Code)

7 CRABTREE ROAD  
JACKSONVILLE, IL 62650

Emergency Telephone Number

CHEMTREC 800-424-9300

Telephone Number Information

217-245-7963

Date Prepared

Sept 1991

Date Revised

June, 01

Signature of Preparer (optional)

### Section II - Hazardous Ingredients/Identity Information

Chemical Identity	CAS #	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Diatomaceous Earth	07631-86-9	80 mg/m <sup>3</sup> /%SiO <sub>2</sub>	1.5 mg/m <sup>3</sup>		
Xanthan Gum	11138-66-2	Not Established			
Nonyl Alcohol, Ethoxylated	39587-22-9	Not Established			
Silica	68855-54-9	2mg/m <sup>3</sup>	0.069mg/m <sup>3</sup>		
1-(3-chloro-allyl)-3,5,7-triaza-1-azoniaadamantane chloride (a preservative; a fungicide)			Not Established		

HMIS Rating - Health: 1 Flammability: 0 Reactivity: 0

### Section III - Physical/Chemical Characteristics

Boiling Point	212°F	Specific Gravity (H <sub>2</sub> O = 1)	1.10-1.14
Vapor Pressure (mm Hg)		Melting Point	N/A
Not established			
Vapor Density (Air = 1)	1	Evaporation Rate (Butyl Acetate = 1)	N/A

Solubility in Water

Miscible with water.

Appearance and Odor

Blue creamy texture, practically odorless.

### Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits	LEL	UEL
Not flammable.		N/A	N/A
Extinguishing Media			
Not applicable			
Special Fire Fighting Procedures			
Not applicable			
Unusual Fire and Explosion Hazards			
Not applicable			

The information presented herein is based either on data or opinion. Such data is, to the best of our knowledge, true and accurate. Such opinion is believed to be expert, and therefore generally reliable, but in some instances there are conflicts in expert opinion and in these instances we have relied on the opinion which, in our best judgment, appeared the most reasonable. All information herein is presented without guarantee or warranty and Rutland Products disclaims any liability incurred from the use thereof.

## Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	

Incompatibility (Materials to Avoid)

Not reactive.

Hazardous Decomposition or Byproducts

Not established. Product does decompose.

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

## Section VI - Health Hazard Data

Route(s) of Entry	Inhalation?	Skin?	Ingestion?
	No	No	Yes

Health Hazards (Acute and Chronic)

Eyes: irritant

Skin: Non-irritant

Ingestion: LD 50 > 5 ml/kg

Inhalation: Not applicable

Carcinogenicity	NTP?	IARC Monographs?	OSHA Regulated?
	No	No	No

Signs and Symptoms of Exposure

Eyes: reddening and watering. Ingestion: stomach cramps.

Medical Conditions Generally Aggravated by Exposure

None known.

Emergency and First Aid Procedures

In case of eye contact, flush with water for 15 minutes. Consult a physician.

In case of ingestion, consult a physician.

## Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled

Treat with absorbent material. Scoop up. Wash residual with water.

Waste Disposal Method

Dispose of in accord with local, state and federal regulations.

Precautions to Be Taken in Handling and Storing

None

Other Precautions

None

## Section VIII - Control Measures

Respiratory Protection (Specify Type)

None

Ventilation	Local Exhaust	Special
	None	None
	Mechanical (General)	Other
	None	None

Protective Gloves

None

Eye Protection

Splash goggles.

Other Protective Clothing or Equipment

None

Work/Hygiene Practices

None